# SURELIA INDUSTRIES

8, MAVDI PLOT, RAJKOT: 360004.

## Series 24225

### Technical Specification

| MODEL | Bed Length | Admit Between | Width of Bed | Swing Dia. Over Bed | Swing Dia. Over Carriage | Swing Dia. Over Cross Slide | Swing Dia. In GAP Bad | Weight | Floor Space |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Center Height 558mm (22") | | | | Approx KGs. | L x W |
| 724225 | 7ft. (2130mm) | 600 | 609mm (24") | Dia. 1065mm (42") | Dia. 900mm (36") | Dia. 800mm (32") | Dia. 1470mm (58") | 3700 | 2500 x 1600 |
| 924225 | 9ft. (2740mm) | 1200 | | | | | | 4150 | 3100 x 1600 |
| 1024225 | 10ft. (3050mm) | 1500 | | | | | | 4550 | 3400 x 1600 |
| 1224225 | 12ft. (2660mm) | 2100 | | | | | | 4950 | 4000 x 1600 |
| 1424225 | 14ft. (4270mm) | 2700 | | | | | | 5350 | 4600 x 1600 |
| 1624225 | 16ft. (4880mm) | 3300 | | | | | | 5850 | 5200 x 1600 |
| 1824225 | 18ft. (5480mm) | 3900 | | | | | | 6250 | 5800 x 1600 |
| 2024225 | 20ft. (6100mm) | 4500 | | | | | | 6750 | 7000 x 1600 |
| 2424225 | 24ft. (7315mm) | 5100 | | | | | | 7650 | 7600 x 1600 |
| 2624225 | 26ft. (7920mm) | 6700 | | | | | | 8050 | 8200 x 1600 |
| 2824225 | 28ft. (8530mm) | 7300 | | | | | | 8550 | 8800 x 1600 |
| 3024225 | 30ft. (9150mm) | 7900 | | | | | | 8950 | 9400 x 1600 |

### General Specification

| | | | | |
|---|---|---|---|---|
| Bed Typed | 2V & 2 Flat typed | Induction Hardened & Precisely Grounded Bedways | | |
| Spindle Speeds (In V-Belts Driven) | 8 Speeds | 20 to 300 rpm | | |
| Spindle Speeds (In All-Geared Driven) (OPTIONAL) | 16 Speeds | 12 / 380 rpm | | |
| Spindle Nose (In Belt Driven) | 6 TPI | MT-7 | A2-8 -OR- A2-11 (OPTIONAL) | |
| Spindle Bore | Std. 130mm / 155mm Available | | | |
| Tailstock Ram Dia. | 76.1 mm | | | |
| Tailstock Taper Size | MT - 5 | | | |
| Nos. of Feeds for LONGITUDINAL (With Change Gears) INCH & MM | Infinitely Variable | | | |
| Nos. of Feeds for TRANSVERSE (With Change Gears) INCH & MM | | | | |
| Nos. of Feeds for LONGITUDINAL (With Norton Gear Box) INCH & MM | 0.065 to 1.98 mm/rev. | | | |
| Nos. of Feeds for TRANSVERSE (With Norton Gear Box) INCH & MM | 0.016 to 0.48 mm/rev. | | | |
| Transverse Movement in MM | 500 / 600 | | | |
| Nos. of Threads & Range (Norton Gear Box) | 28 in INCH | | 20 in MM | |
| | 1.5 to 22 TPI | | 0.75 to 16 | |
| Lead Screw Dia. / TPI | 50 / 2TPI | | | |
| Elc. Motor Requires (2-Speed) | 7.5 HP / 10 HP | 960 / 1400rpm | 3 Phase | 50Hz |

### ACCESSORIES

| Standard Accessories | | Optional Accessories |
|---|---|---|
| | | |
| Induction Hardened & Precisely Ground 2V & 2Flat Type Bed Ways | | True Chuck |
| Dog Chuck | 1no. | Steady Rest |
| Chuck Back Plate | 1no. | Follow Rest |
| 7.5HP. 3Phase, 960 / 1440 RPM Elc. Motor (2- Speed) | 1no. | Face Plate |
| Motor Pulley | 1no. | All-Geared Headstock |
| V-Belt | 1no. | Norton Gear Box Having INCH & MM Threads |
| R/F Switch + wiring Complete | 1Set. | Electro Coolant Pump with Tank & Stand Fittings |
| Spindle Nose Sleeve | 1no. | Taper Turning Attachment |
| Dead Centers | 2nos. | Anti Vibration Leveling Ped Sets. |
| Tool Post Key | 1no. | Revolving Center |
| Service Spanner Set. | 1Set. | Machine Lamp Stand |
| Alen Keys Set | 1Set. | Quick Change Tool Post |
| Change Gear Set INCH / MM | 1Set. | Tool Post Grinnding Attachment |
| Oil Cane | 1no. | Key-Way Cutting Attachment with Elc. Motor |
| | | Milling Vice |
| | | Splash Guard |
| PLANO Type Extra Heavy Duty Bed Available in all above model on request | | 155mm (6") Spindle Bore |
| | | COMPLETE CNC CONTROLED RETRO FITTING HAVING LATHE MACHINE |

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